

ÖLFLEX® 408 P

Abrasion- and oil-resistant control cable with PUR sheath for increased application requirements - VDE certified

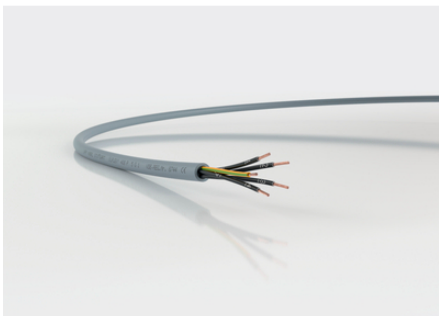
ÖLFLEX® 408 P - PUR control cable with VDE certification for oil- and abrasion-resistant use in apparatus construction, in industrial machines and machine tools.

Info

Oil resistant and abrasion-proof

Proved and certified quality

Easy jacket stripping thanks to interstice-filling functional layer



Mechanical resistance



Oil-resistant



UV-resistant

Benefits

Increased durability under harsh conditions thanks to robust PUR outer sheath

Resistant to contact with many mineral oil-based lubricants, diluted acids, aqueous alkaline solutions and other chemical media

Interstice-filling functional layer ensures more safety and efficiency during industrial and manual jacket stripping

VDE-tested characteristics

Good combination of quality and price

Application range

Appliance and apparatus construction

Industrial machinery and machine tools

Measurement, control and electrical applications

Very suitable for oily wet areas within machinery and production lines that are subject to normal mechanical stress

Under consideration of the temperature range also suitable for outdoor use

ÖLFLEX® 408 P

Product features

High oil-resistance
Abrasion and notch-resistant
Low-adhesive surface
Resistant to hydrolysis and microbes

Norm references / Approvals

VDE Reg.No. 8744

Product Make-up

Fine-wire, bare copper conductor
Core insulation: special PVC
Cores twisted in layers
Special outer sheath of polyurethane with interstice-filling functional layer
Sheath colour: Grey (similar RAL 7001)

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable
Core identification code:	Black with white numbers acc. to VDE 0293-334
Conductor stranding:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Minimum bending radius:	Flexible use: 12.5 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	U0/U: 300/500 V
Test voltage:	4000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Occasional flexing: -15 °C to +70 °C Fixed installation: -40 °C to +80 °C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1308624	4 G 16.0	18.8	614.4	843
1308802	2 X 0.5	4.8	9.6	32
1308003	3 G 0.5	5.1	14.4	39
1308803	3 X 0.5	5.1	14.4	39
1308004	4 G 0.5	5.7	19.2	49
1308804	4 X 0.5	5.7	19.2	49
1308005	5 G 0.5	6.2	24	59
1308805	5 X 0.5	6.2	24	59
1308007	7 G 0.5	6.7	33.6	73
1308807	7 X 0.5	6.7	33.6	73
1308010	10 G 0.5	8.6	48	116
1308012	12 G 0.5	8.9	57.6	129
1308018	18 G 0.5	10.5	86.4	184
1308025	25 G 0.5	12.4	120	256
1308852	2 X 0.75	5.4	14.4	42
1308103	3 G 0.75	5.7	21.6	51
1308853	3 X 0.75	5.7	21.6	51
1308104	4 G 0.75	6.2	28.8	62
1308854	4 X 0.75	6.2	28.8	62
1308105	5 G 0.75	6.7	36	75
1308855	5 X 0.75	6.7	36	75
1308107	7 G 0.75	7.3	50.4	95
1308857	7 X 0.75	7.3	50.4	95
1308110	10 G 0.75	9.6	72	153
1308112	12 G 0.75	9.9	86.4	170
1308118	18 G 0.75	11.7	129.6	245
1308125	25 G 0.75	13.8	180	340
1308902	2 X 1.0	5.7	19.2	49
1308203	3 G 1.0	6	28.8	60
1308903	3 X 1.0	6	28.8	60
1308204	4 G 1.0	6.5	38.4	74
1308904	4 X 1.0	6.5	38.4	74
1308205	5 G 1.0	7.1	48	90
1308905	5 X 1.0	7.1	48	90

Last Update (31.08.2025)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03_16

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1308207	7 G 1.0	8	67.2	118
1308907	7 X 1.0	8	67.2	118
1308210	10 G 1.0	10.2	86	184
1308212	12 G 1.0	10.5	115.2	204
1308218	18 G 1.0	12.7	172.8	303
1308225	25 G 1.0	14.7	240	412
1308952	2 X 1.5	6.3	28.8	64
1308303	3 G 1.5	6.7	43.2	81
1308953	3 X 1.5	6.7	43.2	81
1308304	4 G 1.5	7.2	57.6	99
1308954	4 X 1.5	7.2	57.6	99
1308305	5 G 1.5	8.1	72	125
1308955	5 X 1.5	8.1	72	125
1308307	7 G 1.5	8.9	100.8	161
1308957	7 X 1.5	8.9	100.8	161
1308312	12 G 1.5	12	172.8	286
1308318	18 G 1.5	14.4	259.2	419
1308325	25 G 1.5	16.9	360	580
1308403	3 G 2.5	8.1	72	125
1308404	4 G 2.5	8.9	96	158
1308405	5 G 2.5	10	120	198
1308407	7 G 2.5	11.1	168	259
1308412	12 G 2.5	14.8	288	454
1308504	4 G 4.0	10.8	153.6	241
1308505	5 G 4.0	12.1	192	302
1308507	7 G 4.0	13.4	268.8	394
1308604	4 G 6.0	13	230.4	356
1308605	5 G 6.0	14.5	288	443
1308607	7 G 6.0	16	403.2	579
1308514	4 G 10.0	16.2	384	571
1308615	5 G 10.0	18.1	480	714
1308617	7 G 10.0	20	672	935